

**Structural FAC
Teleconference Minutes
10 April 2002**

1. **Participants:** The following members participated in this month's meeting:

Lori Taylor (MVP)
Cyndi Riley (SWL)
Jim Bruszewski (LRB)
Jeff Qunell (NWS)
Mike Guldemon (MVR)
Jen Flanagan (NAE)

2. **Additions to the Structural Details Library:** Another \$20K was received. \$5K each was distributed to Lori Taylor, Marybeth Walker, Cyndi Riley and Clare VanDyke to begin on the CADD work required to bring the details into compliance with the AEC CADD Standards. To date, we have received \$30K out of the \$70K budgeted for this project.
3. **Structural Website:** Jen Flanagan contacted the contractor developing the website to check on the status. They have finished incorporating all but one of our comments and expect to install the website on 25 April. The site will include a Mathcad library. Lori Taylor will contact the CADD Center to find out whom we will need to contact to make updates to the site.
4. **CADD Symposium/August STFAC Meeting:** To date, the following members are planning to attend the STFAC meeting that will be held in conjunction with the 20-22 August CADD/GIS Symposium. Anyone else that is planning on attending or needs more details should contact Lori Taylor.

Cyndi Riley
Lori Taylor
Jen Flanagan (20-21 Aug only)
Don Cook (tentative)

5. **Corps of Engineers Bridge Inventory System (CEBIS):** A new web-based program, funded by HQ, is currently under construction. Everyone will have access to the site, and input will be fed into a central database at the ERDC. The website will consist of a section for SI and A and another for Inspection Record Sheets. When data is entered into the Inspection Record Sheet, the bridge inspection report will be automatically generated (bridges less than 50 feet). Users will be allowed to input in either English or metric units. The program will automatically convert English units to metric for reporting purposes. The SI and A section is scheduled to be complete by the end of May, and the entire website is scheduled to be completed by the end of the FY. HQ hopes to have the system available for use at the start of the 2003 calendar year. For further information, please contact Mr. Paul Tan.
6. **Metrication:** An Engineering and Construction Bulletin, dated 1 April 2002, was issued regarding Metric Design Policy <http://www.hnd.usace.army.mil/techinfo/ECbull.htm>. It basically allows districts to determine whether or not the use of metric is feasible for a project. When metric is not used, it requires districts document the justification behind the decision and to keep that documentation as part of the permanent project file. Clear, official technical guidance is still needed. Lori will check with Bob Fite regarding the status of guidance documents.
7. **Electronic Meeting Options:** We still need to look into the use of web-based meeting software. Lori will try to check into using the software available from the CADD Center prior

to our next meeting.

8. **Mathcad:** Van Woods from CERL has been working in Seattle District. Jeff Qunell spoke with him about the applications he has been trying to develop using Mathcad and SmartSketch. Van indicated that CERL might be a possible funding source for this work. Jeff will look into this further. Van also found the lists of software used by the districts, compiled by the STFAC, very helpful.
9. **Next Meeting:** The next conference call will be held at 1:00 p.m. CDT on 12 May. Anyone wishing to participate is welcome. The phone number is 1-888-981-0147, and the pass code is 74666.